

Title (en)

Method of applying design to article, involving printing process.

Title (de)

Verfahren zum Anbringen eines Musters auf einem Artikel, einschliesslich eines Druckverfahrens.

Title (fr)

Méthode pour appliquer un dessin sur un article, comportant un procédé d'impression.

Publication

EP 0556026 A1 19930818 (EN)

Application

EP 93300945 A 19930210

Priority

- ZA 92949 A 19920210
- ZA 921622 A 19920304

Abstract (en)

The invention provides a method of applying a design by a printing process to an expanse of material [18] which is dimensionally unstable, in particular genuine tanned leather and synthetic leather, which method includes the steps of adhesively applying the material to a rigid backing plate [20] to define a pictorial area [18.1] where the material adheres to the backing plate [20]; providing adjustable key means [22, 24] on a print table [10] of a stencil or screen printing apparatus, to demarcate a selected position for the backing plate [20] where a print plate [12.1, 12.2, 12.3, 12.4] of the printing apparatus will produce a printed image [36, 42] in a desired location on the pictorial area [18.1]; positioning the backing plate [20] in the demarcated position with reference to the key means [22, 24]; and printing a printed image [36, 42] in the desired locality on the pictorial area. The key means is preferably a displaceable base plate [22] which can be placed in a desired position on the print table [10]. The base plate [22] has keying pins [24] to engage with keying apertures [26] in a backing plate [20]. To achieve an accurate placement of successive images [36, 42] where a multi-colour design is to be printed, a transparent overlay sheet [30] is provided over the pictorial area [18.1], and a trial image [34, 40] is printed on the overlay sheet [30], whereupon the position of the base plate [20] is adjusted with reference to the trial image. <IMAGE>

IPC 1-7

B41F 15/08; B41F 15/10; B41M 1/38; D06P 3/32

IPC 8 full level

B41M 1/14 (2006.01); **B41F 15/22** (2006.01); **B41M 1/12** (2006.01); **B41M 1/38** (2006.01); **D06P 3/32** (2006.01); **D06P 5/00** (2006.01)

CPC (source: EP)

B41F 15/22 (2013.01); **B41M 1/12** (2013.01); **B41M 1/38** (2013.01); **D06P 3/32** (2013.01); **D06P 5/00** (2013.01)

Citation (search report)

- [X] FR 2036862 A7 19701231 - CHAPIRA MAURICE, et al
- [Y] EP 0446839 A2 19910918 - RISO KAGAKU CORP [JP]
- [A] US 4738909 A 19880419 - JENNINGS ROGER L [US]
- [A] FR 2661131 A1 19911025 - CMS SRL [IT]

Cited by

EP1762395A1; ES2134138A1; EP0761457A1; US9144285B2

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0556026 A1 19930818; AU 3295893 A 19930812; AU 668536 B2 19960509; BR 9300536 A 19930817; CA 2085669 A1 19930811; CN 1100368 A 19950322; IL 104674 A0 19930610; IL 104674 A 19961031; JP H0664305 A 19940308; NZ 245881 A 19960227

DOCDB simple family (application)

EP 93300945 A 19930210; AU 3295893 A 19930210; BR 9300536 A 19930210; CA 2085669 A 19930209; CN 93102700 A 19930209; IL 10467493 A 19930210; JP 6242193 A 19930210; NZ 24588193 A 19930210